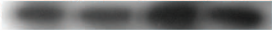


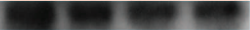


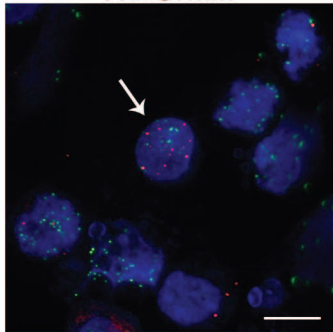
## **FIGURE LEGENDS**

**Supplementary Material Figure S1.** Western analysis for VASA protein in iPS(IMR90) and iHUF4 cells differentiated for 7 and 14 days with or without BMPs. Two biological replicates for each sample are shown.

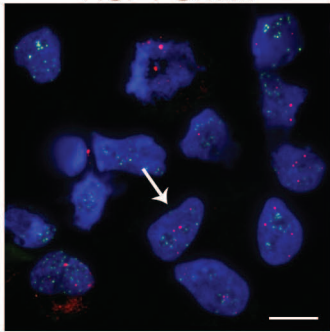
**Supplementary Material Figure S2.** Meiotic spreads with SCP3 (red), CENPA (green) and DAPI (blue) staining for undifferentiated H9, HSF1, iPS(IMR90) and iHUF4 cells. Low magnification images are shown for each sample, arrow indicates a cell shown in Figure 4C. Scale bar 50  $\mu$ m.

	-BMPs		+BMPs	
	Day 7	Day 14	Day 7	Day 14
iPS(IMR90)				
iHUF4				

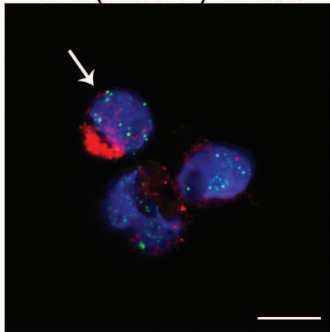
H9 Undiff



HSF1 Undiff



iPS(IMR90) Undiff



iHUF4 Undiff

